

ABSTRACT OF THE DISCLOSURE

A disk player having a self-compensating dynamic balancer which can limit internal vibrations generated by an eccentric center of gravity of a disk, and a turntable, a clamper and a spindle motor which incorporate a self-compensating dynamic balancer. The self-compensating dynamic balancer is formed integrally with rotating members in a disk player; that is, a turntable, a clamper and/or a rotor of a spindle motor. The self-compensating dynamic balancer includes at least one race which is integrally formed with the rotating member and rotates around a rotational shaft, a mobile unit which is located in the race to be capable of moving, and a cover member for covering an opening of the race. Thus, internal vibrations occurring due to the eccentric center of gravity of the disk can be effectively limited by the self-compensating dynamic balancer in which the mobile unit is disposed far away from the center of orbital rotation by a centrifugal force during rotation thereof.